

# INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/11851

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F01D9/02 F01D25/24 F01D11/00

According to International Patent Classification (IPC) or to both national classification and IPC.

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F01D F16J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/06637 A (ALLIEDSIGNAL TURBO SA ;DECHANET ERIC (FR); FIGURA GIORGIO (FR); JE) 24 January 2002 (2002-01-24) cited in the application page 4, line 13 - line 25 figures 1,2 ---	1-3, 12-17,19
X A	JP 55 037508 A (ISHIKAWAJIMA HARIMA HEAVY IND CO LTD) 15 March 1980 (1980-03-15) figures & PATENT ABSTRACTS OF JAPAN & JP 55 037508 A (ISHIKAWAJIMA HARIMA HEAVY IND), 15 March 1980 (1980-03-15) abstract --- -/--	1,4,12, 15,17-19 5,11,13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

2 July 2004

Date of mailing of the international search report

12/07/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 850 797 A (BENSON STEVEN R) 25 July 1989 (1989-07-25)	1
A	column 5, line 44 - line 56 figures 4,5 ----	5-7,9
A	US 4 209 177 A (HALL JOHN F) 24 June 1980 (1980-06-24)  column 2, line 17 -column 3, line 3 abstract; figures 1,2 ----	1-3,5-7, 9,12-14, 16,17
A	US 4 503 680 A (WOOD TERRY G) 12 March 1985 (1985-03-12) column 2, line 4 - line 43 abstract; figures -----	1,4-7,9, 12,15

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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WO 0206637	A	24-01-2002	WO 0206637 A1	24-01-2002
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			BR 0017293 A	29-07-2003
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			JP 2004505190 T	19-02-2004
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